Technology for Successful pond!

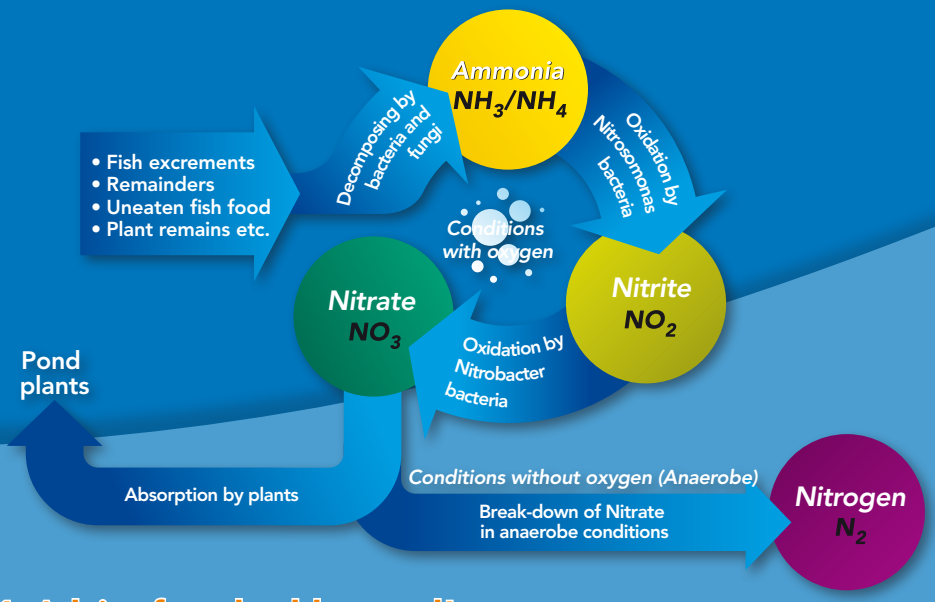
SuperFish

What keeps a pond healthy?

To understand what's happening with your pond, first some biology lessons so we understand what factors affect the pond environment and what we can do solve them if needed.

Biological balance

Due to the small size of most ponds a natural balance is difficult to obtain.
Therefore, we must help to keep your pond healthy. Sufficient water quality is important, however, this will be influenced as you can see in the pond cycle by many contaminants such as plant debris, garden debris, fish and bird droppings.



Pond advice from the specialist

1. Advice for a healthy pond!

- Installation of a good filter and pump for demolition and removal of debris.
- Test on a regular basis values of pond water
- Correction of water parameters with pond care products.
- Supporting the biological balance by adding beneficial bacteria cultures.
- Installation of an air pump for sufficient oxygen in the water.
- Installation of a UV unit to prevent excessive algae growth.

2. Advice for the use of pond filters

- The amount of fish in the pond determines the size of the filter, so more fish or koi means a larger filter, also a shallow pond, or a lot of sun means a bigger filter is needed.
- Plants will help to keep your pond in balance, a plant filter can help to break down waste in the pond.
- A pond filter and pump must be in operation 24 hours a day, if possible 12 months per year. Only in danger of freezing turn the pump and filter off and clean it immediately.
- If your pump or filter is longer than three hours not in use then clean it first before you put your filter back into use to prevent your pond being poisoned by dying bacteria.

3. Advice for the purchase of a pond pump

- The pump capacity should be 50% of the pond capacity thorough purification.
- Consider capacity losses caused by hose length, UV lamp and head.
- it's better to use a pump without filter sponge for a more proper cleaning so the dirt particles get into your filter Instead of the filter sponge.
- To maximize dirt sucking put the pump in the deepest part of the pond.
- For proper circulation place the pump and filter outlet as far as possible apart
- If you want a fountain or a water bell nozzle take a separate pump with a sponge pre filter, these are very affordable, your fountain does not need 24 hours a day Spraying.

What kind of filter do I need?

This depends on the following factors:

Is your pond a natural, combination, Koi pond or swimming pool?

- What is the content of your pond?
- Is your pond situated in the sun or shade?
- How deep is your pond?
- How much fish do you keep per 1000 litres of water?
- Do you have a filter plant?
- If you want a built-in filter UV-C or a single UV-C unit?

Pond Clear Kit

Complete filter kit for smaller ponds consisting of:

- Biological Pond Filter media.
- pond Flow Eco-energy pond pump.
- UV cleaner helps fight green algae and provides clear pond water within 14 days.

Available in 3 sizes for ponds of different sizes

TopClear

A unique 3-step pond pressure filter complete with filter material and UV-C lamp!

1: Filter foam provides mechanical filtration.
2: Bacteria in the bio-balls provide biological purification.
3: Built-in UV-C provides control of algae and works to prevent against diseases.

A pressure filter can be placed everywhere, invisible, beside, under or near the pond so very easy to use.

FlowClear

The ideal filter for fish and Koi ponds up to approximately 10,000 litres. Also available as Clear Fall with built-in waterfall.
Both filters have the following benefits;

- Built-in Philips UV-C fights algae growth and inhibits the development of diseases.
- Within 14 days clear water thanks to the Philips UV-C.
- The Philips UV-C lamp provides guaranteed 8000 hours.
- Easy to clean by unique and useful filter media slide valve.

Pond filters

Model	Max pond size	Max. Pump flow	uvc-Power	Diameter	Height
SF POND CLEAR 2500	2.500 L	1.000 L/h	5 W	35 CM	30 CM

Model	Max pond size	Max. Pump flow	H. max.	uvc-Power	Diameter	Height
SF TOP CLEAR UV 7000	7.000 L	2.500 L/h	3.0 M	9 W	30 CM	40 CM
SF TOP CLEAR UV 9000	9.000 L	3.200 L/h	3.0 M	9 W	30 CM	50 CM
SF TOP CLEAR UV 15000	15.000 L	6.500 L/h	3.0 M	11 W	30 CM	57 CM

Model	Max pond size	Max. Pump flow	uvc-Power	Length	Width	Height
SF FLOW CLEAR 10.000	10.000 L	4.000 L/h	11 W	55 CM	36 CM	45 CM
SF FLOW CLEAR 20.000	20.000 L	10.000 L/h	40 W	100 CM	42.5 CM	65 CM
SF FALL CLEAR 10.000	10.000 L	4.000 L/h	11 W	55 CM	36 CM	45 CM

The right pond pump

Just as important as a good filter is a good pump. The pond pump is there to ensure that the contaminated water ends up in the filter.

PondFlow Eco

Multipurpose pond pump for fountain and simple pond filters.

- Fully equipped with multi-step hose connection and two different nozzles.
- Energy efficient so economical to run.
- Includes 10 'cable, and 2 years warranty and user manual

Pond Skim

The Super Fish pond skimmer floats in the pond and sucks dirt, such as leaves, dust and algae from the water surface. For a clear and healthy pond.

- Easy to clean thanks to the removable waste grid.
- Low power consumption only 25 watts
- Pond capacity of 2000 litres per hour
- Suitable for ponds up to 25m²

PondEco

The affordable quality pump for all ponds, unique in price, power consumption and quality for a affordable hobby!

- Saves up to 50% on purchase price and power use compared to other pumps.
- Equipped with 3 years warranty and GS approval for quality and safety.
- Moves large volumes of water with a low power consumption.
- DCS: ceramic actuator and gears give minimum loss of performance
- Vortex blades transport debris up to 8 mm.
- Hose Connection 40/32/25 mm.
- Easy to install and virtually maintenance free.

PondEco Plus

Professional filter pump for Koi and ponds with unique pick up and replace warranty and the lowest possible energy consumption.

- 3 years 48 hours Pick-up and warranty at your doorstep! Your pump is broken?, a major problem for costly pond and fish, but do not worry, we deliver within 48 hours without charge a new pump. from Monday / Friday. (On Saturday and Sunday no deliveries).
- The lowest possible energy costs, only about 12 watts per 1,000 L / h, a pond pump that deserves a green label!
- Solid casing prevents blockage and easy maintenance and installation.
- Easy to install, two outlets on top and side with rotating tulle with multi-step hose connection 40/32/25 mm.
- Vortex blades transport coarse particles up to 8 mm.
- DCS: ceramic actuator and gears for minimum wear.

Pond pumps

Model	Max. Pump flow	H. Max	Power
SUPERFISH POND FLOW 1000	1.000 L/h	1,4 m	12 Watt
SUPERFISH POND FLOW 2000	2.000 L/h	1,9 m	25 Watt
SUPERFISH POND FLOW 3000	2.900 L/h	2,3 m	45 Watt
SF POND ECO 3500	3.600 L/h	2,4 m	45 Watt
SF POND ECO 5000	4.800 L/h	2,5 m	60 Watt
SF POND ECO 8000	7.800 L/h	4,0 m	80 Watt
SF POND ECO 12.000	11.300 L/h	4,5 m	155 Watt
SF POND ECO 15.000	14.200 L/h	4,1 m	175 Watt
SF POND ECO PLUS 8.000	7.150 L/h	2,5 m	72 Watt
SF POND ECO PLUS 12.000	10.850 L/h	3,4 m	135 Watt
SF POND ECO PLUS 15.000	14.800 L/h	4,5 m	157 Watt
SF POND ECO PLUS 20.000	18.500 L/h	5,5 m	220 Watt
SF POND SKIM 2000	2.000 L/h	nvt	25 Watt

UVC provides crystal-clear water

Even though the water in your pond has the perfect composition and you have a good filter, you can still suffer from algae. There are several reasons for this.

Clear water in 14 days!

With a Superfish or Koi Pro UVC your pond water will be clear within 14 days. The best results are achieved through the UVC in combination with a biological filter to work.

Causes for algae growth:

- A new filter or a new pond needs time to get balanced. In the meantime, algae will arise. To get a biological balance in your pond as quick as possible you must control algae.
- At the start of spring in the pond after a thorough cleaning of the filter and high temperatures, the biological equilibrium disturbed and algae will thrive. You must intervene to redress the balance.
- If the plants cant keep up with the nutrients produced by the fish and the filter, which often is the case with Koi ponds, green algae see their chance. Your pond is green and opaque.

Reflex UVC (5.000, 7.000 & 10.000)

The pond pump ensures the pond water through the UVC unit conducted, in which the water through a special Philips PL lamp flows. The UVC radiation these lights produce will kill harmful bacteria and germs and keep algae growth under control. The Philips lamp ensures thanks to the 8000 hours burning hours a year a smooth pond. Because the inside of this UVC consists of a stainless steel housing, the UVC has a long life. The stainless steel makes UV reflectance also even better.

UV-C Tech

This UV-C device provides a clear pond with healthy fish. The pond water is pushed by a pump through the UV-C device where it is exposed to UV-C radiation at a wave length of 254 Nano meters. This radiation is produced by a special lamp and ensures that bacteria and germs have no chance to develop. Thanks to the length of the device, the water is exposed to high doses of radiation. In addition, the stainless steel interior for reflection of the UV-C radiation, thereby increasing the efficiency, this is increased to 35%. The interior is electro-polished stainless steel housing to stick on the reflection and therefore remains optimal.

UV-C device

Model	Max pond size	Max. Pump flow	Lamp	uvc-Power	RVS Reflector
SF REFLEX U.V.C.7000L/ 9W.	7.000 L	5,000 L/h	Philips PL	9 watt	Yes
SF REFLEX U.V.C.10.000L/11W	10.000 L	7.500 L/h	Philips PL	11 watt	Yes
SF REFLEX U.V.C.20.000L/18W	20.000 L	12.500 L/h	Philips PL	18 watt	RVS house
SF TECH U.V.C.40.000L/40W	40.000 L	20.000 L/h	High Power T5	40 watt	RVS house
SF TECH U.V.C.75.000L/75W	75.000 L	20.000 L/h	High Power T5	75 watt	RVS house
SF TECH UVC MASTER T5 75 W	75.000 L	20.000 L/h	High power T5	75 watt	RVS house

Oxygen is essential for a healthy pond

Tip:

To aerate the pond filter we also recommend that you hang an air stone in the Pond Filter. Your filter works better then and stops your pump unexpectedly or if it becomes clogged then the aeration keeps the bacteria in the pond filter by the aeration and water movement alive.

Oxygen is essential for all living creatures in the pond, plants, bacteria and especially your fish needs enough oxygen. When there's insufficient oxygen your pond filter will also work less. An additional pump is therefore recommended. In the summer it provides air to support the oxygen requirement and in the Winter it present an ice hole.

The right pump for each Pond size:

Pond aeration set

Complete sets to aerate pond and aquarium. These kits are supplied complete with air stones, air hose, user manual and a free replacement membrane for a durability life span.

Airbox

pond aeration set in a handy box for protection against rain and splashes.

- The AirBox provides fresh oxygen in the water.
- Keep your pond healthy in the summer and ice free in the winter.
- Complete with air hose and air stones.

Koi Flow

Pond air pump for larger ponds and Koi ponds

- high air output at low power.
- Low noise and long life.
- Complete with 6 air stones and air hose with a length of 50 meters.
- Free spare diaphragms included for a longer Life span.

KoiPro Air-Blow

Professional air pumps specially designed for a massive amount of air. They supply up to a depth of 3 meters sufficient air. With 2 years warranty.

Air pumps

Model	Output	Pressure	Power
SF POND AERATION SET MINI	78 L/h	0,015 MPA	1,5 Watt
SF POND AERATION SET NR 1	96 L/h	0,015 MPA	2 Watt
SF POND AERATION SET NR 2	240 L/h	0,020 MPA	4 Watt
SUPERFISH AIR-BOX NR.1	96 L/h	0,015 MPA	2 Watt
SUPERFISH AIR-BOX NR.2	240 L/h	0,020 MPA	4 Watt
SUPERFISH AIR-BOX NR.4	600 L/h	0,012 MPA	10 Watt
SUPERFISH KOI FLOW 20 PROF. AERATION SET	1.200 L/h	0,025 MPA	15 Watt
SUPERFISH KOI FLOW 30 PROF. AERATION SET	1.800 L/h	0,025 MPA	25 Watt
SUPERFISH KOI FLOW 60 PROF. AERATION SET	3.600 L/h	0,025 MPA	35 Watt
KOI PRO AIR BLOW 50	3.000 L/h	0,045 MPA	30 Watt
KOI PRO AIR BLOW 100	6.000 L/h	0,040 MPA	88 Watt

Easy accessories

Pond cover net

A pond cover net prevents leaves or other debris from falling into the pond it also prevents herons and cats from eating your fish.

- Available in all sizes
- Includes convenient pegs
- Easy to install
- Fine mesh and flexible
- Strong plastic fiber
- Extra long life span

Pond Alarm

Herons, cats, other animals and even thieves lurking on your valuable fish. It is therefore recommended that you protect your precious possessions sufficiently against intruders. The pond alarm produces a loud signal which will scare unwanted visitors off

Bird & Cat Scare

Sprinkler with movement sensor, the most effective and animal friendly way to protect your valuable fish against Herons, Cats and Fish thieves. The Bird and Cat scare can be easily connected to the water mains. As soon as the sensor detects a treat it will scare of the predator or intruder with a power full water push. You can adjust sensitivity and reach to make the device suitable for the size of your pond.

Pond coarse plastic / steel 100 cm
Pond Fine / telescopic handle 250 cm

From super fish , fish nets are available in all sizes and types, with short, long or telescopic handle. Fish nets with coarse black mesh are used for catching fish. White fish nets with a fine-mesh are used to remove leaves dirt and algae from the pond.

Pond Thermometer

The pond thermometer measures the temperature of the pond, this will help you to decide how much to feed and what kind of food you have to provide and may also be important if you have to treat your fish.

Feeding your fish with an automatic feeder has many advantages. You get the maximum from your fish by exactly the right amount of feed given. This will give them optimal growth and better colour pattern Smaller amounts of food are better for the health of the fish and the pond. Because the food will be eaten all the time there's no unnecessary pollution of the water and additionalload of the filter.

Pond feeders

Model	Uses	Automatic feeding	Amount	For
SF POND FEEDER	Batteries	1-6 x Per day	0-50 gram	Small pond
SF KOI FEEDER	Batteries	1-4 x Per day	50-1000 gram	Big Pond and Koi Pond
SF PROF FISH FEEDER	220-240V	1-24 x Per day	10-2000 gram	Big Pond and Koi Pond

Choose your own kind of pond

Depending on your type of pond you will need some accessories. First choose the type of pond and then the accessories which are necessary to make your hobby successful

Natural Pond

With banks, marsh plants and oxygen plants you create a piece of nature, where birds come to drink and possible natural inhabitants such as snails and frogs find their home.

It is intended that this underwater world keeps Itself naturally in balance, but sometimes you need to give a helping hand with natural care products or a simple filter.

Pond filter with in-built uv-c device
- ☐ Pond Clear
- ☐ Top Clear

Simple pond pump
- ☐ Flow Clear Eco

- ☐ Small aeration set
- ☐ Fish net
- ☐ Cover net
- ☐ Pond thermometer

Combination pond

You like your fish and want to see them, with marginal plants, water plants and several fish and Koi you create your own underwater world together.

A good filter, UVC against green water, a good pond pump and a strong air pump are essential for a successful pond.

Heavy duty pond filter
- ☐ Flow Clear up to 10.000 L
- ☐ Flow Clear 20.000 for bigger ponds

Energy efficient pond pump
- ☐ Pond Eco

- ☐ UV-C
- ☐ Big aeration set
- ☐ Fish net
- ☐ Bird and Cat scare
- ☐ Cover net

Optional
- ☐ Pond feeder
- ☐ Pond thermometer

Koi pond

Koi is not just a fish but a pet. These brilliantly coloured fish are easily tamed and recognize their owners by their footsteps when it's feeding time. It is a misunderstanding that Koi are very expensive. Of course you can make it as expensive as every hobby and spend unlimited money on very expensive, unique specimens, however, from 10 Pounds there are some nice Koi for sale which you can raise yourselves. Koi have special demands on the pond construction, pond filter and a strong pump, air pump and UVC are essential.

Heavy duty pond filter
- ☐ Flow Clear up to 20.000 L
- ☐ For bigger ponds customized Koi Filter

Energy efficient heavy duty pond pump
- ☐ Pond Eco Plus

- ☐ Koi Flow aeration set

- ☐ Heavy duty stainless steel UV-C

- ☐ Koi Net
- ☐ Bird and Cat scare
- ☐ Koi pond feeder
- ☐ Pond thermometer

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